

**Smiroldo, Charles (ENRD)**

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**From:** Faulkner, Mike <Faulkner.Mike@epa.gov>  
**Sent:** Wednesday, August 30, 2017 1:20 PM  
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**Subject:** Arkema Chemical Facility

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For your situational Awareness:

EPA has deployed its aerial assessment aircraft to assess the conditions at the Arkema facility in Crosby and

continues to assist the TCEQ, our primary regulatory partner in Texas. The equipment on the aerial assessment aircraft will be able to detect chemical leaks, thermally image the facility and obtain aerial photos of current site conditions. This information will help first responders in their preparations. EPA worked with the Department of Homeland Security to develop plume modeling to provide to local responders. The plume modeling indicated the offsite consequences of the chemical of concern, which are organic peroxide, sulfur dioxide, and chlorine. The facility is without power and has lost their backup power source for one of the containers. The contents of that container is approaching auto-ignition temperatures and could potentially detonate within the next 24 hours. The area is evacuated due to flooding, local first responders are in the area conducting search and rescue. These personnel were evacuated from the area.

Information from the company:

<https://www.arkema.com/en/media/news/news-details/Status-of-Plant-in-Crosby-Texas/>

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